Data sheet

HP ZBook 15 G2 Mobile Workstation

QEB2016-A

Be productive in the office or in the field. Take advantage of the HP ZBook 15 G2's powerful processing and graphics, simple scalability, and blazing-fast connectivity to perform and collaborate at the speed of creativity.

HP ZBook 15 G2 Mobile Workstation

Work smarter
- Work anywhere and be confident the power you need is at your fingertips. The ZBook 15 G2 is our most versatile mobile workstation with Windows 10 or Windows 7,[1] Intel® Core™ i7 processors[2] professional graphics, and lasting battery life.

Be professional
- Look stylish and confident carrying the HP ZBook 15 G2. Project a professional image at the office, client meetings, and on the road without sacrificing durability in a lightweight chassis.

Featuring:
- Rest easy with a ZBook 15 G2 that has ISV Certifications and has undergone 115,000 hours of the HP Total Test Process.
- Confidently take on your workday with the durable and reliable HP ZBook 15 G2 Mobile Workstation that passed MIL-STD-810G testing for drop, vibration, shock, high temperature, low temperature, temperature shock, dust, altitude, and humidity[3]
- Customize the HP ZBook 15 G2 to meet your demands. Keep large files at your fingertips without sacrificing performance.
- Handle large files, reduce work time, and increase performance with the HP Z Turbo Drive.
- Run the same demanding professional applications as a desktop workstation without dropping performance. ISV certified AMD FirePro™ graphics options offer large GPU memory with fast bandwidth.

Specifications

	HP ZBook 15 G2 Mobile Workstation
	G7T34AV

Operating System[1]	Windows 10 Enterprise 64-bit Preloaded SDC 5.x with Office Suite (Default)
Processor[2]	4th Generation Intel® Core™ i7-4710MQ (2.5 GHz, 6 MB L3 cache, 4 cores/8 threads, 47W); Up to 3.50 GHz with Intel® Turbo Boost Technology
Memory	8 GB (1x8 GB) 1600 DDR3L, 4 SODIMM slots with Quad-core processor, supporting dual-channel memory; max capacity 32 GB
Display	15.6 inch diagonal LED-backlit FHD with standard viewing angle (SVA) eDP Anti-Glare (1920 x 1080); 300 nits
Hard Drive[4]	500 GB 5400 rpm FIPS 140-2 Certified Self Encrypting Drive (SED), NIST Certificate 1451; ATA-8, SATA 2.6, 3.0 Gb/s.
Graphics	AMD FirePro™ M5100 with 2 GB dedicated GDDR5 video memory with 1 VGA and 1 DisplayPort. Included DisplayPort M to DVI F Adapter; Microsoft DirectX 11.1 (Shader Model 5.0) and OpenGL 4.2 capable G3D
Communications[5]	Intel® I217-LM Gigabit Network Connection; Intel® Dual Band Wireless-AC 7260 802.11 ac (2x2) WiFi + Bluetooth® 4.0 combo Adapter where Wireless LAN and Bluetooth® can be independently disabled in the BIOS
Power	Dual voltage (110-240V 50/60 Hz) autosensing; 150W AC adapter; 8 cell 83 WHr Lithium-Ion Battery
Warranty	4 year next business day on-site with hard drive retention
Energy Efficiency Compliance	EPEAT® Gold registered
Security	Trusted Computing Group certified Trusted Platform Module (TPM) version 1.2 - Infineon SLB9635TT1.2, BIOS protection as identified in NIST SP 800-147, BIOS settings comply.
Removeable Media	SATA SuperMulti DL Drive, DVD+/-R 8X, DVD+RW 8X, DVD-RW 6X, CD-R 24X, CD-RW 24X, DVD +/- R DL 6X
Audio	DTS Studio Sound™ HD audio optimized for high fidelity audio (Realtek ALC3228)
Webcam	Integrated 720p HD webcam
I/O Ports and Connectors	(1) VGA, (1) DisplayPort v1.2, (1) Thunderbolt 2, (1) Stereo microphone in/headphone-out combo jack, (1) Power Connector, (1) Secondary Battery Connector, (1) Docking Connector, (1) RJ-45 (Ethernet), (2) USB 3.0, (1) USB 3.0 Charging Port, (1) USB 2.0, (1) Security lock slot; Digital Media Slots: (1) ExpressCard / 54 slot (Supports ExpressCard/54), (1) SD UHS-II Flash Media slot (Supports next generation SD (Secure Digital), backward compatible to SDHC, SDXC), (1) Fingerprint Reader, Integrated Smart Card Reader(Compatible with ISO 7816 compliant Smart Cards PC/SC interface support; FIPS 201-1 certified and on FIPS 201 Approved Products List
Dimensions (W x D x H)	1.2 in (at front)/1.4 in (at rear) x 15.0 in x 10.1 in
Weight	Starting at 6.45 lb with optical drive

Options	Part Number	Description
	N3G80AV#ABA	Windows 7 Enterprise 64-bit (available through downgrade rights from Windows 10 Enterprise 64-bit)[7] 64-bit SDC 3.x with Office Suite
	N3G78AV#ABA	OEM Windows 10 Pro 64-bit[1] (Non-Network Use Only) - USAF will allow system to be restored through restore parition that resides on hard drive. In the event of a hard drive failure, the USAF will allow restore media to be provided without customer requesting it.

Options (continued)	Part Number	Description
	N3G80AV#ABA / N3R57AV, J6W72AV / J6W71AV#ABA	OEM Windows 7 Professional 64-bit (available through downgrade rights from Windows 10 Pro 64-bit)[8] (Non-Network Use Only)
	G7T60AV / G7T62AV	Remove integrated webcam
	G7T68AV	16 GB (2x8 GB) 1600MHZ DDR3L
	G7T70AV	32 GB (4x8 GB) 1600MHz DDR3L
	G7T48AV / E9Z36AV	4th Generation Intel® Core™ i7-4910MQ (2.9 GHz, 1600MHz, 8 MB L3 cache, 4 cores, 47W); Up to 3.90 GHz with Intel® Turbo Boost Technology
	A7E35AV#ABA	HP 230W Docking Station: 1 DisplayPort 1.2, 1 VGA, and 1 DVI-D connector; 4 USB 3.0 ports (3 Always-On, 1 powered); HP 230W Smart AC Adapter; Audio and Ethernet ports, Line-in jack, headphone jack, **DisplayPort to DVI adapter included in base**